

# New Product Reports

... For Timex and Commodore Computers

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Address all orders and correspondence to: 1702 Oak Knoll Dr., Alexandria, MN 56308 612/762-8847, 762-1631

TS2068: ADVANCED SYSTEM WITH A BIG FUTURE By Eben Brown

Here's a success story for all of you who like to see the American free enterprise system at work. We all know the first TIMEX computer was more than a toy. In fact, it was more computer than most people ever realized. But it got caught in the middle of the computer price wars of 1983 and was strangled... a tremendous defeat for TIMEX. Business gossip sheets like the Wall Street Journal were predicting that TIMEX was going to fold it's computer division (They said that about Lee Iacocca and Chrysler, too... now very successful). In the spirit of free enterprise, guts, savvy, and just plain "Never say quit," TIMEX set themselves to the task of designing the best machine they could. They decided they'd rather be the best, not the cheapest. The result is the new TIMEX 2068 Professional computer.

Since it's quiet release in November, the TS2068 has been an overwhelming success. With very little advertising, it's been tough producing enough of them to keep up with sales. Every computer magazine and trade journal that's tested it has given it rave reviews. And for good reason. It's capable of 16 color displays with up to 512 X 192 resolution. It has a full typewriter format Keyboard with dual shifts, caps, and space bar. It has 72K of memory of which 24K is a sophisticated operating system and 48K is useable RAM. It's cartridge port can hold an additional 56K of programming. It's futuristic bank switching facility can handle up to 16 Megabytes of memory. This sort of memory is unprecedented... you haven't seen it in any other personal computer at ANY price. Programming the TS2068 is a cinch. It has the world famous Sinclair BASIC language... meaning one touch entry of commands along with extended functions not normally sold with a stock computer. For example, programming a sine wave on the TS2068 takes only 5 steps. It takes 15 steps on a Commodore 64. Concentric multicolored circles take 6 steps on the TS2068, 21 on the C-64. A Semi circle takes 2 steps, 16 on the Commodore 64. And, you don't have to wait until you run the program to find bugs. The TS2068 has automatic syntax error checking... it knows what commands you're supposed to give it and it tells you as you program!

The TS2068 has some remarkable visual capabilities. You can display up to 64 characters on the screen. The "screen" can be anything from a black and white or color TV to a green or amber monitor, to a composite video color monitor, to an RGB color/green monitor ... it can handle the best monitors available, but since it doesn't have to, you can grow with it. There are sophisticated sound synthesis features, too. Up to 4 channels or sounds can be running at the same time, each somewhere in it's own 8 possible octaves!

I tend to run off at the mouth a bit when I write about this machine... there's so much to tell. But, it'll have to be cut short to leave space for a description of the TS 2068 "System." It appears that TIMEX wanted to leave nothing to chance. This computer had to be so far ahead of things it couldn't fail. -The first part of the system is the expansion

bus. For approximately \$120, this unit provides the interface and controller for up to 8 of the new microdrives, a standard Centronics Parallel Interface, a standard RS232 Interface with selectable baud rate, a standard Composite video port, a standard RGB port, networking capability for an up to 64 computer network, CP/M mode with optional 32K of additional RAM, and an auxilary audio output jack. Essentially, the expansion bus permits you to connect your TS2068 to virtually any peripheral on the market.

Mass memory storage is another flexible part of the TS2068 system. Start out with the TS2020 Program recorder, only \$49.95. When you're ready, step up to the microdrives. These ultra high speed drives hold about 85K of storage and transfer 48K in approximately 9 seconds. You access files in 3.5 seconds. This is faster than many disk drives! The technology is in an advanced specially





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lubricated tape LOOP with stationary head. The extreme secrecy. I know that TIMEX is ready drives are inexpensive (about \$80) small, with a word processor, CP/M compatibility, (about the size of a hockey puck), and you can

have up to 8 of them going at once! TIMEX has selected the Mannesman-Tally full size letter quality printer. Rather than go with a cheap 12 character per second daisy wheel printer, they opted for a top quality, 80 character per second dot matrix. It's a little more expensive, but a whole lot better. For example, this printer uses a rectangular dot format that meets edge to edge. Combined with a high density matrix, you get characters so close to typewriter quality, you'd need a magnifying glass to tell the difference. So, you can use it for important correspondence. Because it's dot matrix, you can also use it for graphics. Like I say, TIMEX wanted to cover all bases! The TIMEX version of this printer will sell for around \$325. However, until that version comes out, you can order the Mannesman-Tally labled one from us... it comes in Centronics parallel and sells for \$399.95. See our printer section for details. Software development is being Kept under

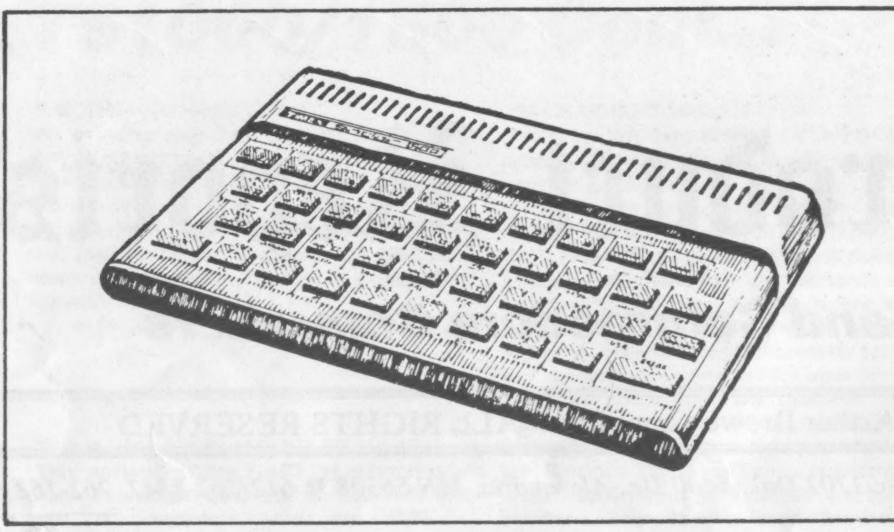
LOGO, FORTH, and an ASSEMBLER. They've been looks of the new machine and the way TIMEX is striking deals with eager software companies to develop TS2068 versions of other software, too. Things that'll make the TS2068 competitive with IBMs, Apples, and their newest introductions. But, I couldn't weasel any more information out of them on this. You see, the computer and program recorder are the only parts of the system currently available. The rest is scheduled to come out all at once in June. TIMEX doesn't want to dilute the impact of it all by announcing anything until it's ready. Sounds like a new TIMEX doesn't it? You're right!

It used to be that drug wholesalers distributed TIMEX computers to stores. As an indication of the new way TIMEX is doing things, they've selected E. Arthur Brown Company as a distibutor/dealer. Now, they're looking for distibutors and dealers who know the products and can give full service to their customers. They've set up pricing schedules designed to give full service

dealers and distributors just as much competitive edge as chain stores. From the handling it, I'd say they're going to be around for a long time. I think this new TIMEX 2068 is going to be the next "Apple" ... and you know how long and fruitful a life THAT computer has had.

Now, you may be thinking of buying a computer. Before making a decision, take a look at what's being offered. There are alot of companies out there trying to be the CHEAPEST. Being cheapest means sacrificing research and development, advanced technology, quality, and workmanship. TIMEX is working on a higher standard of excellence. Why not a REAL computer? Remember, nobody was ever sorry he bought the best ... use the order blank in this publication and order your TS2068 today!

#100-124 TS2068 71b. \$179.95



TIMEX 1500 T

This upgraded version of the TS1000 offers some amazing utility. It features 16K of RAM, the now famous Sinclair BASIC operating system, and raised (but still water proof) Keys. Single Key entry of program commands will spoil you. Automatic syntax error checking helps you debug programs as you write them. You get all scientific functions, logic and math functions, plus graphics capabilities included in the purchase price. Hook the TS1500 up to our Mini Drives and you've got

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Payment Method (U.S. Funds Only)

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\$100.01-\$150.00

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MAILING ADDRESS

more computer than systems costing thousands of dollars! Order your's today! #100-115 TS1500 5 lb. \$79.95

PORTABLE COMMODORE 64

Now you can have a Commodore 64 in a portable version. This new unit is completely compatible with existing Commodore software. It comes with a color monitor and disk drive built in. The Keyboard attaches to the case when traveling.

#300-164 Port.C64 30 lb. \$899.95



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sure to give complete shipping information (Name, Address, etc.) and include your account number. This number allows our order processing department to process your order approximately 4 times faster. It appears either above or to the right of your name on all correspondence, mailing labels, and packing slips we've sent you. If you're a new customer, we'll assign you a number upon

Or, you can place your order by telephone and charge it to your VISA or Mastercard. Please call 612/762-8847 or 612/762-1631 between 8:30 the rest of your order immediately and the AM and 4:30 PM Central Standard Time. Be sure back ordered item(s) as soon as we have it in to have your order ready for our operators.

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# Printers

With such a variety of printers, it's hard making a choice. But once you've considered what you're going to use the printer for, whether you plan to upgrade to a different computer in the future, and how much you want to spend, the choice should be obvious. First, thermal printers are similar in print quality to a 5 X 7 dot matrix, only they're faster and more precise (full descenders on lower case letters and a high number of dots per inch). They're more compact, and their graphics resolution is usually better than 5 X 7 dot

Use our order blank or any stationary. Be

receipt of your first order. Please add

shipping charges as they are shown in the

shipping chart below. Minnesota residents

please add 6% sales tax. Mail your order to:

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matrix printers. Generally, a thermal printer will be a better, quieter printer than an inexpensive dot matrix printer but at a lower price to boot. Dot matrix printers provide data processing and correspondence quality print. The cheaper the printer, the more space you'll see between dots. Some dot matrix printers (like the Prowriter) have such a dense dot pattern that you come very close to solid character formation... but not quite. It depends how perfect you need your characters

Ordering Information

DOMESTIC ORDERS MAIL ORDERS:

Surface orders are sent by the best and most economical way. Be sure to give an accurate street address, since we use UPS delivery whenever possible. Priority Air deliveries are sent via UPS 2nd Day Air service. Use our shipping chart to figure charges.

INTERNATIONAL ORDERS:

Credit cards are preferred to simplify collection of freight and handling charges. Use the shipping weights listed next to the price of each product when figuring the charges with our shipping chart.

BACK ORDERS:

We process orders immediately upon receipt. In-stock items are shipped the next day or within two days at the latest. Occasionally, on orders for multiple items, we may have one or two items on backorder. If so, we will ship stock. We pay any additional shipping charges that result from back orders. In any case, if there is a delay in filling your order, we will send you an FTC notice card within 30 days. You may cancel your order for a refund at any time prior to our shipment. If you cancel after we ship, you will be charged for the shipping charges. Please allow at least 14 days for delivery.

CUSTOMER SERVICE:

If you have a problem with any of our products, call our customer service department. Most problems are solved over the phone. However, if you find it necessary to return an item. please:

1) Pack it carefully and include a copy of your receipt.

2) Write and enclose a letter describing the problem and what you want us to do about

3) Insure and mail the parcel to us. Orders damaged by the common carrier should be Kept in their original shipping container. Call us or the common carrier for handling instructions.

Our prices are subject to change without notice. If you're not sure of a price, please call or write for a current price list. From time to time we may run advertised specials in magazines. To qualify for these prices, your order must mention the name and issue date of the magazine. Advertised specials expire one month after publication.

COD ORDERS

COD shipments are charged a \$3.00 COD fee and whether or not the order is completely or partially shipped, the COD charge will be for the complete order including merchandise, shipping, and COD fee and will be payable in cash, certified check, or money order. Backordered items will be shipped prepaid following receipt of your COD payment. If your COD shipment is refused or returned to us for any other UNDELIVERABLE reason, you will be billed for shipping to and from your destination along with the \$3.00 COD fee.

OUR GUARANTEE:

All hardware items carry a 90 or 180 day manufacturer's warranty as well as our 10 day, money back, free trial guarantee. Try any hardware item in this catalog for 10 days. If it doesn't work or you just don't like it, send it back within 10 days of receiving it. As long as the product is in new condition, we'll either exchange it, refund your money, or credit your credit card for the full purchase price. Our only condition is that returned items must be in new condition, in their original containers, with all instructions, literature and documentation intact. Merchandise with modifications such as velcro stickers, rubber feet, tape, etc. will not be accepted.

All software/book sales are final. We will not issue refunds on software/book returns. We guarantee our programs to load and run on your computer. Defective programs may be exchanged for functional ones with the same title.

#### More Printers...

to be printed. Dot matrix printers are faster than daisy wheel printers, though... and quite a bit less expensive. If you need speed, an inexpensive dot matrix printer will do. If you need speed and quality, either a thermal printer or an expensive dot matrix printer should fit the bill. But if you're stuck on perfect "letter" quality, only a daisy wheel printer will do. In this case, you'll have to sacrifice some speed even if you spend a couple of thousand dollars. The fastest daisy wheels go only 50-55 characters per second. As for whether or not you should buy a printer that's made specifically for your computer, consider this: If you ever plan to buy another computer, your best choice is a standard printer with an interface for your computer. Brand specific printers only work with the brand of computer they're made for. Buy another computer and you'll have to buy size dot matrix printers. another printer.

> \*\*\*\*IMPORTANT NOTE\*\*\*\* TS1500 Owners

At the time of this writing, our TS1500 CPI printer interface is not yet functional. However, we ARE working on it and expect it will be ready very soon. Call for availability.

ALPHACOM 81 THERMAL PRINTER For Commodore VIC/64 computers, the "81" is an 80 column thermal printer with the same basic mechanism as the TIMEX 2040 printer. It prints upper and lower case characters with full descenders, uses white thermal paper in rolls, and is fully capable of high resolution graphics. Although it's not a Commodore brand of printer, it recognizes the complete Commodore print instruction set and is completely compatible with anything you want to print. The printer itself is compatible with other computers (not TIMEX), but we only sell it with the Commodore interface cable. Advantages of the Alphacom 81 are it's small size and weight (13 X 9 X 3 1/2 inches at 6 1/2 lbs), it's high speed (80 characters per second), it's high resolution (80 dots per inch), and it's low price for a printer having those features. Other features include

TIMEX 2040 THERMAL PRINTER For all TIMEX computers, the 2040 is an affordable printer with a high quality, 32 character wide, white paper printout. It prints at a rate of one line, or 32 characters per second and needs no special interface to connect to the Sinclair ZX81 or TIMEX 1000/1500/2068 computers. The 2040 operates from the standard TIMEX-Sinclair print commands, so it's compatible with commercial software. It prints on white thermal paper that looks and feels like fine, coated stationary. There's no metalized surface to smear or scratch. You get quality printouts that are easily photocopied... or cut for mailing labels. The print mechanism can handle high resolution printing and even lower case letters (with our High Resolution Word processor). Printout looks similar to full

#100-350 TS2040 5 lb. \$89.95

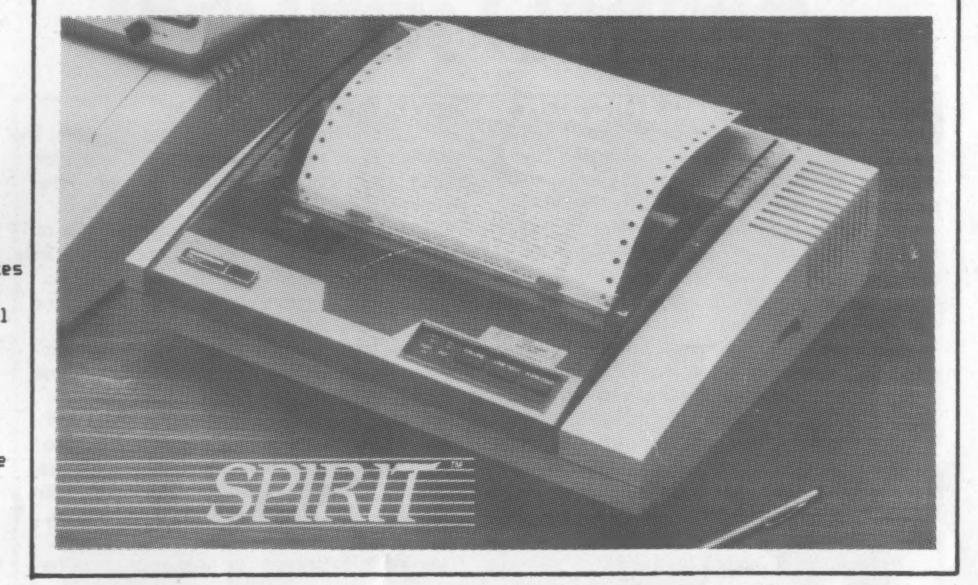
continuous and bit mapped graphics with the complete Commodore character set, carriage return, line feed, and form feed. This printer is not compatible with TIMEX computers. But if you have a Commodore VIC or 64, it's an excellent choice. The total price of the printer and interface cable is just \$199.95. Order your's today!

#200-355 Alph 81 8 lb. \$158.05 #200-356 VIC/64 Cable 1 lb. \$41.90

THERMAL PRINTER SUPPLIES

We carry a complete line of paper products for your TIMEX, Alphacom, or other thermal printer. Paper rolls for the TS2040 are 85 feet long by 4 1/4 inch and come with either blue or black printout in packages of 4 rolls. Paper rolls for the Alphacom 81 are also 85 feet long, but they're 8 1/2 inch wide. These are also available in blue or black printout and come in packages of 2 rolls.

#111-405 Black 2040 Paper 2 lb. \$8.95 #111-406 Blue 2040 Paper 2 lb. \$8.95 #111-408 Black "81" Paper 2 lb. \$10.95 #111-409 Blue "81" Paper 2 lb. \$10.95



SEIKOSHA GORILLA PRINTER For Sinclair ZX81, TIMEX 1000, Timex 2068, and Commodore VIC/64 computers. The Gorilla is printer with characters so sharp, you need a a full size dot matrix impact printer (5 X 7 format) that provides up to 80 columns (characters) of print width. The tractor paper feed mechanism is adjustable for different widths of paper, so you can run any number of standard forms through it. Impact is hard enough to get through one original and 2 carbon copies. You can print standard upper and lower case letters (no descenders) and even double width characters. A graphics print mode is provided, so you can print anything from charts and graphs to computer art. Print speed on the Gorilla is 50 characters per second. To connect it to your TIMEX 1000 you'll need a TS1000 Centronics Parallel Interface. The TS2068 needs a TS2068 CPI. To connect it to your Commodore VIC/64 you'll need our Commodore Centronics Parallel

#101-350 Gorilla 13 lb. \$199.95 #101-400 TS1000 CPI 2 lb. \$99.95 #101-413 TS2068 CPI 2 lb. \$89.95 #230-400 Commodore CPI 1 lb. \$79.95 #112-400 Gor. Ribbon 1 lb. \$11.95

MANNESMANN TALLY MT-80 T

Here's a high speed, high quality dot matrix magnifying glass to tell them from typewritten! The secret is a revolutionary "square" dot mechanism. The dot edges meet more exactly, showing little or no space between. The 7 X 8 matrix is printed at 80 cps, with a bidirectional(logic seeking) print head and both tractor and friction feed. You get Pica, Italic, and pica bold print styles in 10 or 12 pitch. You get condensed mode, super and subscripts, underline, and emphasize along with international character sets. TIMEX 1000 owners will need the TS1000 Centronics Parallel Interface. TS2068s need the TS2068 CPI. Commodore 64 owners will need the Centronics Interface and Power cable. The MT-80 uses the same commands as an Epson MX-80 with Graftrax Plus. It's a better printer at a lower price! List is only \$399.95, but we've been able to cut it even lower than that!

#295-355 MT80 Printer 15 lb. \$374.95 #295-401 Ribbon 1 lb. \$12.95 #101-400 TS1000 CPI 2 lb. \$99.95 #101-413 TS2068 CPI 2 lb. \$89.95 #230-400 Commodore CPI 1 lb. \$79.95 #230-401 Power Cable 1 lb. \$5.95

The A10-20 DAISY WHEEL PRINTER By C. ITOH

C. Itoh, creators of the famous "Star Writer" daisy wheel printer, has applied their expertise to a lower priced version. The A10-20 is a direct descendant of Star Writer technology and it's features show it. It has a static font impact system with 115 to 138 characters per line. Print speed is 18 c.p.s. The platen is long enough for serious business use... it accepts paper up to 15 inches wide. You can use cloth or multi-strike carbon ribbons for super clear characters. Available pitches are 10, 12, and proportional spacing with 100 characters per print wheel. The number of type styles is limited only by the number of print wheels you buy! Paper feed is bi-directional which makes for excellent graphics capabilities. And at less than 62

decibels, the A10-20 is remarkably quiet for a daisy wheel printer. Connection to your 2X81, TIMEX 1000, requires the TS1000 Centronics Interface. TS2068s need the TS2068 CPI. Connection to your Commodore VIC/64 requires our Commodore Centronics Parallel Interface and the Supplementary Power Cable. There are other inexpensive daisy wheel printers, but none to match the A10-20 ... it's like getting a Star Writer for hundreds of dollars off! One print wheel is included. Others available.

> #101-360 A10-20 50 lb. \$695.95 #112-402 Carbon Ribbon 1.lb. \$5.25 #101-400 TS1000 CPI 2 lb. \$99.95 #101-413 TS2068 CPI 2 lb. \$89.95 #230-400 Commodore CPI 1 lb. \$79.95 #230-401 Power Cable 1 lb. \$5.95

# Books

The TIMEX-Sinclair Directory "Where to find practically everything for the TIMEX-Sinclair 2X81/TS1000/TS1500." This international best seller lists and describes just about everything available for the above computers, contains photographs, and gives names and addresses of suppliers. By Eben Brown

#127-500 1 lb. \$5.95

ZX81/TS1000/TS1500 BASIC BOOK This book is light years ahead of the instruction manual that came with your computer. Topics are covered more completely and include looping, flow charts, graphics, strings, arrays, etc. Writing style explains and then shows an example. By Robin Norman #119-500 1 lb. \$12.95

MASTERING MACHINE CODE A complete course in machine language on the TS1000/1500. Machine language is much faster than basic. This book teaches everything from beginning to end in easy to follow terminology. By Toni Baker. #120-500 1 lb. \$12.95

BEGINNERS INTERMEDIATE GUIDE TO TIMEX-SINCLAIR 2068 A more in-depth and easier to understand guide than the standard manual. Gets into much more useful applications and gives clearer explanations. By Fred Blechman. #119-501 1 lb. \$9.95

INTERMEDIATE-ADVANCED GUIDE TO TIMEX-SINCLAIR 2068 This book covers advanced programming

techniques not explained in the standard manual. Written for a smooth transition from intermediate skills with easy to understand

explanations. Available in March. By Jeffrey Mazur.

#119-502 1 lb. \$9.95

THE TIMEX-SINCLAIR 2068 EXPLORED A step by step guide through all of the features and capabilities of the TS2068 computer. Programming is taught in BASIC as well as Machine Code. By Tim Hartnell. #138-500 1 lb. \$12.95

THE TIMEX-SINCLAIR 2068. WHAT CAN YOU DO covered in the standard operating manual. By

This book contains 50 programs that both educate and entertain. The idea is to learn what can be done in other programs and then apply it to your own programs. By Roger Valentine.

#138-501 1 lb. \$12.95

FOR THE COMMODORE 64

PROGRAMMER'S REFERENCE GUIDE An advanced reference that presents detailed information on everything from graphics and sound to advanced machine language techniques. you what to look for. The second half of the The most complicated topics are explained with book describes the many different word style. Advanced programmers will be pleased with the depth of programming Knowledge presented. Over 400 pages with a schematic included.

#119-503 2 lbs. \$19.95

COMMODORE 64 GRAPHICS AND SOUND A cassette/book combination which covers the complete techniques for programming sound into your programs. Sample programs are on cassette.

#119-504 1 lb. \$15.95

COMMODORE 64 BASIC PROGRAMS A cassette/book combination that teaches are on cassette.

#119-505 1 lb. \$16.95

THE ELEMENTARY COMMODORE 64 A terrific improvement over the operating manual that comes with your Commodore 64. This If you've ever considered investing in book is written in a much easier to comprehend style. It not only covers BASIC programming skills, it also introduces the reader to the realm of user groups, magazines, non-BASIC languages, and several other topics not William B. Sanders.

139-500 1 lb. \$14.95

THE COMMODORE 64 WORD PROCESSING BOOK Word processing involves much more than typing text into your Commodore 64. This book was written to explain the many features and applications of word processing and how to it's instructions are understood and followed configure your Commodore 64, printer, monitor, and mass storage (disk or recorder) into a professional system. After explaining the intricacies of word processing, various aspects of equipment are discussed ... showing sample programs and an easy-to-read writing processing software packages available and where to buy them. By Eben Brown 127-501 1 lb. \$9.95

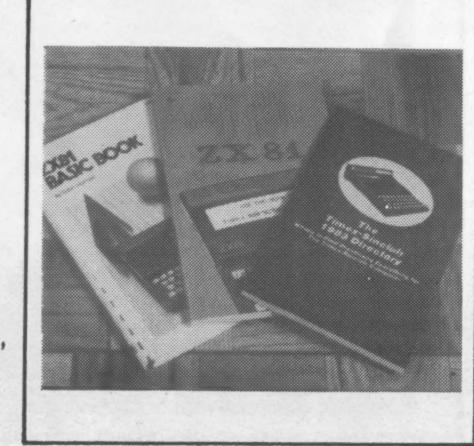
> THE COMMODORE 64 DIRECTORY There are a number of peripherals for the

Commodore 64 which are relatively unknown. They cover diverse applications such as control circuitry, interfacing to standard RS232, IEEE, and Centronics Parallel devices, Keyboard enhancements, mass storage devices, video enhancements (such as 80 cols.), and many others. This book gives descriptions, prices, and supplier information on these BASIC programming techniques. Sample programs peripherals. Interesting reading... a MUST for

Commodore 64 owners seeking optimum utitlity from their computers! 127-502 1 lb. \$9.95

THE RENTAL PROPERTY MANUAL apartment buildings, or other forms of income property, this book is a must. It's NOT A COMPUTER BOOK. But rather, a how-to-do-it manual that takes you through the whole process of setting up your own rental property business. Topics cover the philosophy of success in business, selecting profitable property, financing with little or no down payment, business administration, taxes, and how to hire people to do the work for you (includes withholding of taxes, etc.). Written from personal experience, this manual makes no outrageous claims to fame and fortune. But, if with discipline, you might just find yourself at the the helm of your very own successful

enterprise! By Eben Brown. 127-503 2 lbs. \$14.95



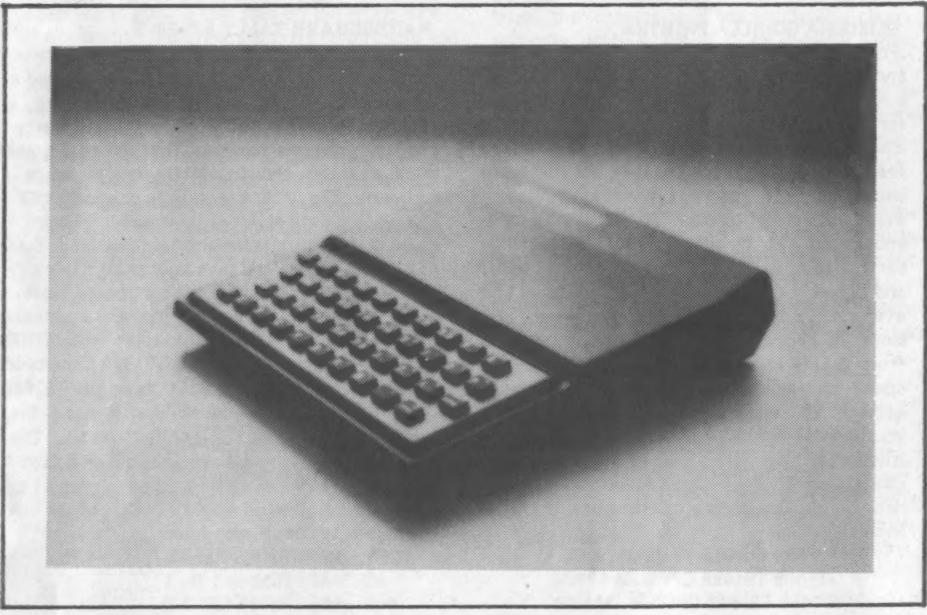
. \$2.50

#### **Keyboard Enhancements**

TS1500 KEYBOARDS FOR THE TS1000/ZX81 Our newly designed Mark I Keybutton overlay is the exact same, molded rubber button type keyboard as is on the TIMEX 1500, only it's smaller... to fit the ZX81 or TS1000. The sensitivity and efficiency are exactly the same, only you don't have to buy a new computer to get them! Legends are printed right on the Keys and board, just as they are on the TS1500. To install, you just peel off the backing and stick the Mark I onto your old membrane Keyboard. No wiring or soldering! We even supply a blank overlay that you can label yourself for special applications like games, word processing, or spreadsheet work. Upgrade your TS1000/2X81 to a TS1500 for a fraction of the cost of the new computer. Order the Mark I today. You'll be surprised at how inexpensive it is!

#106-325 MKI Ovrly 1 lb. \$14.95

MKIV KEYBOARD KIT For ZX81 and TIMEX 1000/1500 computers. The MKIV kit is an economical way of getting a top quality, full stroke typewriter keyboard. The best part of the Kit is the Keyswitches. They're the very same ones as are used on Hewlett-Packard and DEC computer Keyboards. You get reliable contact with practically no wobble. The Keytops are gray with black and red sublimated legends. Sublimation impregnates the color right into the plastic making it virtually impossible to wear them off under normal use. The kit includes the instructions, Keyswitches, Keytops, circuit board, and ribbon cables for connecting to your computer. Soldering is required. The case shown in the photo is no longer available. But you get 6 more Keys than the cased version... wire them for special functions if you like. Make your own case to hold your computer



#### **Great Memories**

GREAT MEMORIES For ZX81/TS1000/TS1500 Computers Our memory modules can turn your TIMEX into one terrifically powerful computer!

TIMEX 1016 16K RAM On ZX81/TS1000's, this RAM disables the 1-2K internal memory and replaces it with 16K. On TS1500's it adds to the already present 16k giving you a total of 32K! It's just a matter of plugging it on the back of your computer

and you're ready to go. #100-216 TS1016 1 lb. \$49.95

MMRY-REZ 64K RAM The only TS1500-Compatible 64K The only 64K in the world that works with the TS1500 computer! The MMRY-REZ 64K is for chips. 2X81/TS1000 and TS1500 computers and features a switchable 8-16K region and high resolution graphics circuitry. It even has it's own ribbon cable for "rock stable" mounting on your computer. No wobble crashes with this unit! MMRY-REZ provides the full 64K of memory CLOSE OUT RAMS for your 280 microprocessor and the switchable 8-16K region makes it compatible with EPROM software and interfaces which also reside in those addresses. The high resolution circuitry allows you to do super clear graphics... 192 X 256 pixels. But, it also comes with high resolution software on cassette. You don't have to do elaborate USR and POKE programming at \$58.95, we're closing them out at \$39.95. routines. For example, to draw a circle, you press "C", enter the radius, and instantly a

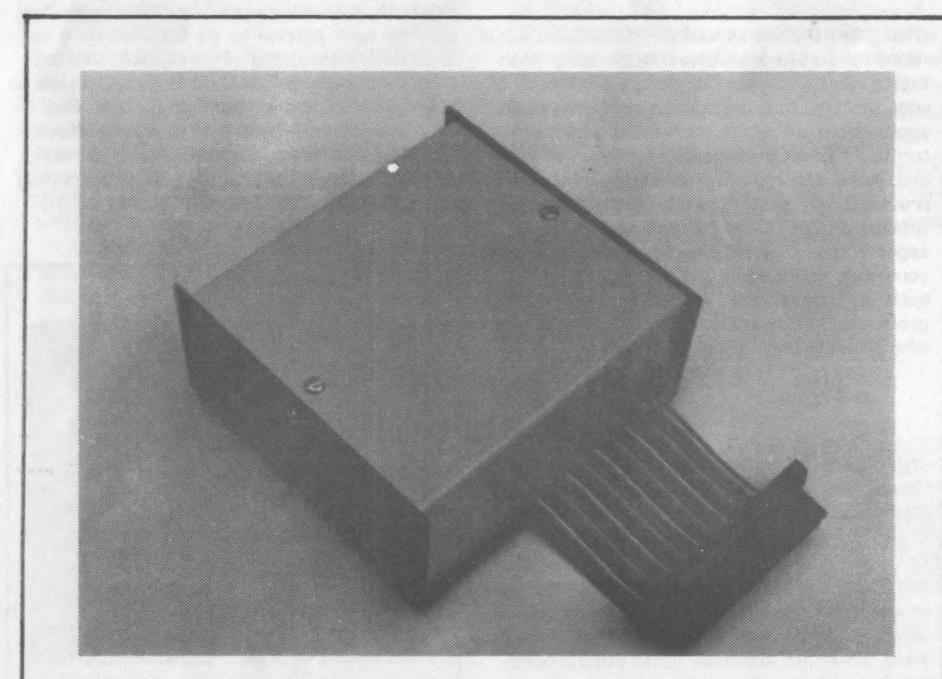
circle is drawn. Lines and other geometric

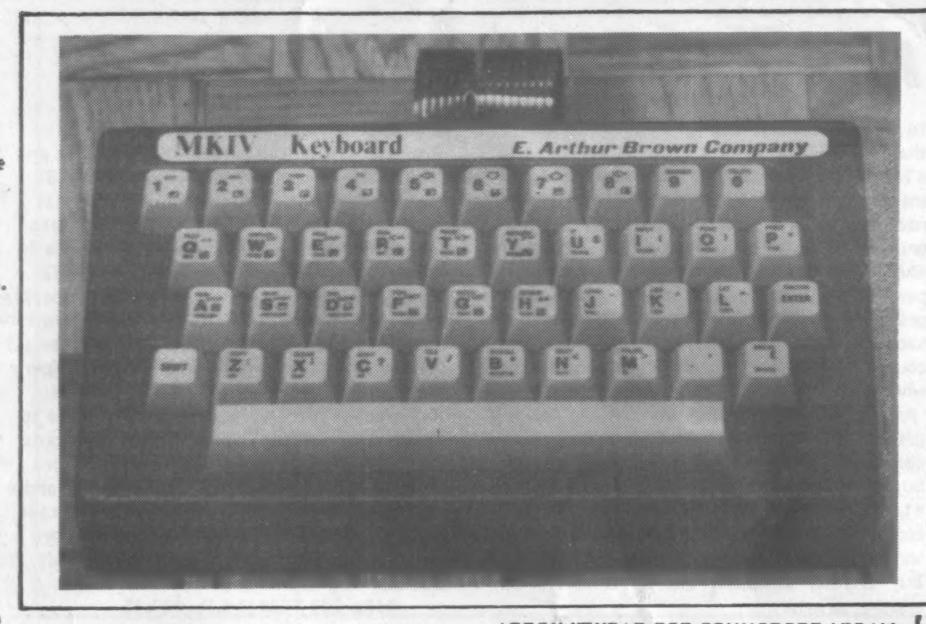
shapes are just as easy. And, you can use these figures on four different screens. The computer can then switch rapidly between screens creating animated graphics! If you wish to get even more intricate with your MMRY-REZ, we recommend ordering the Advanced Software cassette. It's an even more sophisticated graphics package than the standard software. The important things to remember are that your MMRY-REZ 64K functions as a standard 64K when you want it to, it includes High Resolution Circuitry and the basic High Resolution Software cassette, and it's the only 64K that works with all three, the ZX81, TS1000 and even the TS1500! Also available in kit form which includes everything but the IC (Integrated Circuit)

#220-264 MMRY-REZ 3 lb. \$149.95 #220-265 Adv. Sftwre. 1 lb. \$19.95 #220-266 MMRY-REZ Kit 3 lb. \$89.95

We have in stock a limited number of 16K battery backed up RAMs. These RAMs will maintain power to your computer in the event of an electrical outage. They're compatible plug, and feature a housing that conforms to the shape of your computer. Regularly priced This offer is limited to the supplies we have

#102-216 MKIV 16K 2 lb. \$39.95





Keyboard, memory ... sounds like kind of a fun project!

#109-326 MKIV Kit 2 lb. \$34.95

PC-DOCUMATE FOR COMMODORE VIC/64 Our PC-Documate Keyboard Overlays put programming references on your Keyboard, where rather than plugging onto the back of the they belong. No more breaking away from your work to look something up. Instead, you need only glance at your Keyboard where your PC-Documate has everything neatly organized and displayed. Different sections of the board have references to BASIC functions, commands and statements, music programming, memory map, your computer? The ADDON was made for your colors, sprite references, control keys and more. With a PC-Documate, beginners become experts fast. Experts become more efficient. Order your's today... be sure to specify VIC 20 or C 64.

#220-325 VIC-PC 1 lb. \$12.95 #220-326 64-PC 1 lb. \$12.95

ADDON KEYPAD FOR COMMODORE VIC/64 If you use your Commodore VIC or 64 for alot of number crunching, spreadsheet analysis, or business accounting, this Keypad is SO much easier than the standard Keyboard. It's made by the same company that makes our MKIV kit for TIMEX computers. The keytops and Keyswitches meet or beat the quality of the Keys already on your Commodore computer. The ADDON wires directly to your present Keyboard computer. This makes it totally compatible with all software. Other Keypads may be more convenient to install, but they require special software... which may or may not be compatible with the software you use. See how the shape of the case matches the shape of Commodore and looks like it, too! Note the Keys included and their configuration from the photograph. You're used to handling numbers in this way on a calculator or adding machine... Why not set up your computer the same way? Order your ADDON keypad today!

#225-325 ADDON Pad 3 lb. \$69.95

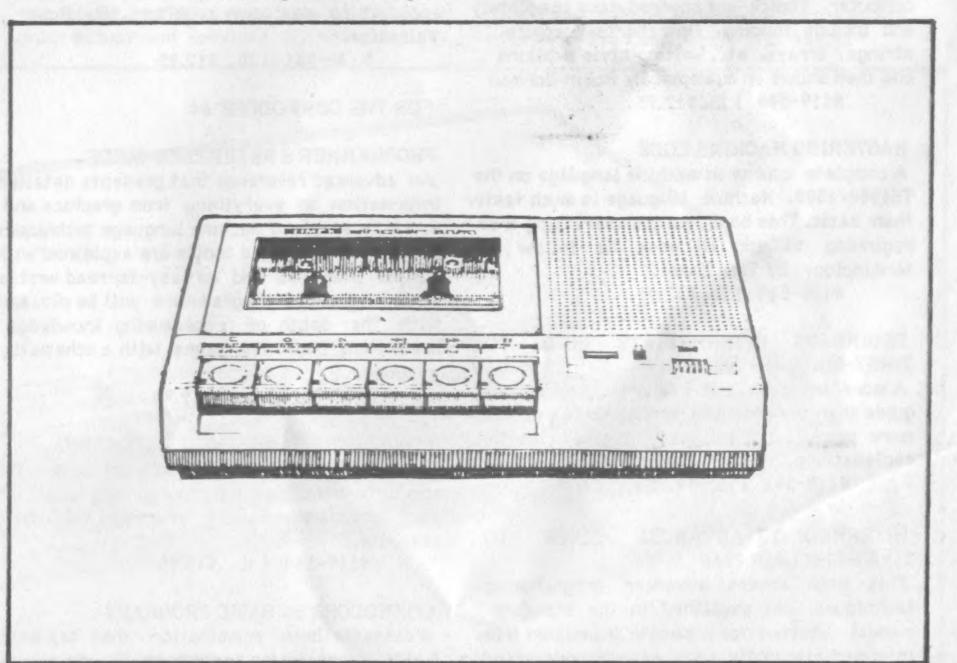


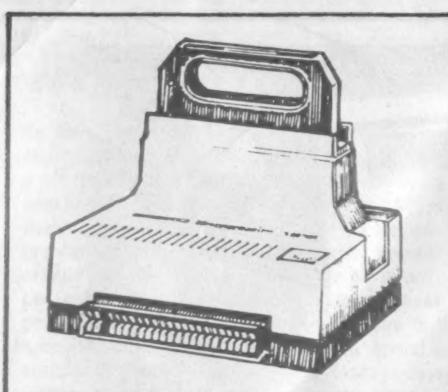
# Mass Memory Storage

TIMEX 2020 PROGRAM RECORDER While TIMEX computers are designed to operate with standard cassette recorders, the TS2020 with ZX81 and TS1000 computers, have a through recorder is designed specifically for TIMEX computers. It features automatic recording level adjustment for proper SAVE volumes and a Inexpensive data and program storage for your Vu/Level indicator light to assist your volume adjustment for optimum LOADs. The 2020 also cassette port of your computer and gives works fine for speech and music recording and playing and is priced in the range of a good standard cassette recorder. Customers who've programs and data to cassette. had previous trouble LOADing and SAVEing, find #300-300 VIC 1530 Recorder 4 lb. \$94.95

the 2020 does it right every time! #100-305 TS2020 2 lb. \$47.95 #100-308 AC Adaptor 1 lb. \$8.95

VIC 1530 DATA RECORDER Commodore VIC or 64. The 1530 plugs into the reliable LOADs and SAVEs. It allows you to use cassette based software, or save your own





TIMEX 1510 COMMAND CARTRIDGE PLAYER This unit allows you to play cartridge software on your 2X81, TS1000, and TS1500 computers. Just plug it onto the expansion port and plug the cartridges into it. The 1510 and/or printer onto the back. Even a 1-2K the 1510! The cartridge provides the memory for the program. Check our software section for compatible cartridge software. #100-300 TS1510 2 lb. \$19.95

QSAVE HIGH SPEED CASSETTE STORAGE For ZX81, TIMEX 1000, and TIMEX 1500 computers. QSAVE is software that changes the data transfer speed for faster LOADs and SAVEs on cassette recorders. For example, 16K of program/data normally takes 7-8 minutes to

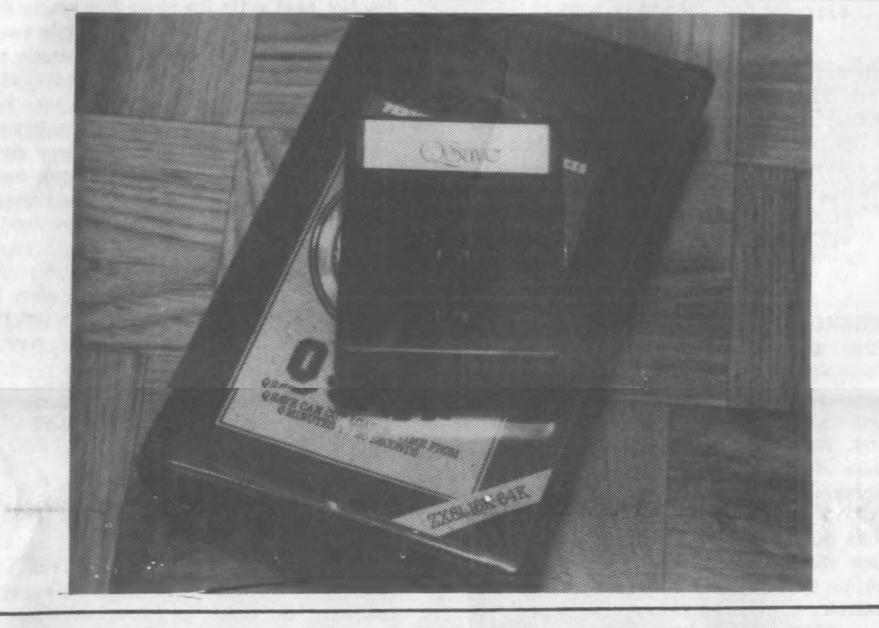
and works for either 16 or 64K. It includes an amplifier/filter and cables. This version of QSAVE loads to RAMTOP in a 16K RAM and to the 8-16K region of a 64K RAM. It works with any program you can BREAK into and get a cursor to give QSAVE commands... as long as the program doesn't overrun RAMTOP and BRASE QSAVE (this occurs with ORGANIZER). The Cassette version on a 64K RAM may not be compatible with other peripherals such as the Centronics Parallel Interface. This is because you turn off the memory in the region needed by QSAVE. The MOST compatible QSAVE is the EPROM version. This unit provides it's own memory in the 8-10K region of 16 through 64K of RAM. It works with any program that'll BREAK and give you a cursor (this includes ORGANIZER). The EPROM version of QSAVE comes with the amplifier/filter and cables. Or, you can purchase the EPROM only if you already own a has a through-plug so you can attach your RAM QSAVE cassette version. You will need either a 2 or 3 port ribbon cable with any QSAVE on computer can play 16K cartridge software with EPROM. The QSAVE cassette version is NOT fully compatible with the TIMEX 1500 computer. A new version called SPEEDLOAD is available for the 1500. SPEEDLOAD is an EPROM and requires no amplifier/filter. It comes with a 3 port ribbon cable and functions the same as QSAVE in every regard, only it's made for the #105-300 QSAVE Cassette V. 1 lb. \$38.95

LOAD/SAVE. QSAVE accomplishes it in less than

30 seconds! The Basic QSAVE comes on cassette

#105-301 QSAVE EPROM V. 2 lb. \$59.95 #105-302 QSAVE Epm.Only 1 lb. \$24.95 #105-303 SPEEDLOAD 1 lb. \$59.95

#105-400 2 Port Ribbon Cble. 1 lb. \$19.95 #105-401 3 Port Ribbon Cble. 1 lb. \$24.95



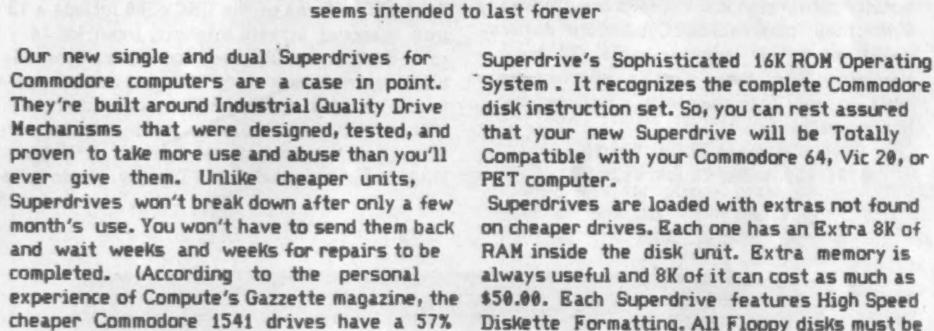
TS1000/1500 Mini Drives We've finally found a disk system that everyone can use on their 2X81, TS1000, or TS1500. Our Mini Drives are the new 3 inch disk drives... small, but with plenty of memory room. Unlike earlier disk drives, these are easy to configure for your cassette based software. They save everything the same way your cassette does, only much much faster! These drives are compatible with our TS1000 Centronics Parallel Interface. A TS1500 CPI will be along shortly. Minidrives are NOT some Rube Goldberg set up that takes an electrical engineer to figure out! They're a finished commercial system that anyone can handle. They offering a completely packaged disk drive come complete with one drive, disk interface, power supply, housing, an instruction manual, and a manufacturer's guarantee of one full year on the interface and power supply. If you

want dual drives, you can purchase an extra 3 inch drive which will fit neatly alongside the other in the housing.

#223-300 Mini Drive 20 lb. \$549.95 #223-301 Extra Drive 10 lb. \$250.00

TS2068 DISK DRIVE INTERFACE Connect your TS2068 to any Shugart compatible disk drive. This new interface will be ready for shipment in April and is compatible with our TS2068 Centronics Parallel Interface. Buy it now and you can connect it to the Shugart drive of your choice. In June, we'll be system which will include the drive mechanism. Realize the potential of your TS2068 with a disk drive!

#232-305 2068 Dsk.Itfce. 2 lb. \$199.95



Every now and then a new product design

failure rate!) Some of our customers have

asked that we explain what is meant by

"Industrial Quality." An example is the drive

band. When the 1541 drive overheats (it has a

reputation for doing so), the aluminum band

expands, slippage occurs, and drive failure

results. The plastic housing enhances the

in. Superdrives have three (3) Steel bands

problem, since it insulates and holds the heat

which are much less sensitive to expansion

than aluminum, and the redundency of three

means the chance of slippage is practically

occurence. The beige colored Steel housing

nil. Overheating is also a never seen

acts as a large heat sink... drawing heat

away, rather than holding it in. "Industrial

Quality" means Superdrives are designed to

stay on all day, day in and day out, without

Superdrives have Futuristic Self Diagnostic

Systems built right into them. How important

is that data in your disk files? Can you

afford to lose any of it through disk drive

power up, your Superdrive gives itself a

complete physical. If anything's wrong, it'll

tell you... before you insert your valuable

disk files into it. Cheaper drives don't have

this feature and can't warn you of trouble.

your disk files have been damaged.

You won't find out about a problem until after

Superdrives come with Two Serial Ports. One

to connect your computer and the other to

"Daisy-chain" to another peripheral device

Functional IEEE Port! IEEE interfaces transfer

connecting your Commodore 64 to the IEEE port,

you enter into a whole new realm of high speed

such as a printer. But, you also get a Fully

data much faster than serial interfaces. By

malfunctions? Of course not! Everytime you

malfunction.

Disk Drive Excellence

RAM inside the disk unit. Extra memory is always useful and 8K of it can cost as much as \$50.00. Each Superdrive features High Speed Diskette Formatting. All Floppy disks must be formatted before you can use them. Superdrives make the slow and tedious formatting procedure go much faster. Superdrives come in Both bands. The Commodore 1541 has one Aluminum Single and Dual Drive Configurations... in one cabinet. This makes for more convenience with a dual system, since you can keep your programs on one drive and your data on another one. You spend less time inserting and removing diskettes. Superdrives handle 5 1/4" single sided double density diskettes with a capacity of about 175K. They come with extensive documentation, serial cable, power cable, and a comprehensive instruction manual. All you do is plug your Superdrive in and it's ready to There's really no comparison between the

Commodore 1541 disk drive and a Superdrive. The 1541 was built to sell at a low price. Compromises had to be made in design, materials and workmanship to accomplish the low selling price. Superdrives are built to give exceptional service. There were no compromises. Perfection such as that IS expensive. But then, you'd expect to pay more for industrial type reliability, versatility, safety, and all of the other extras built into a Superdrive.

Remember the old saying, "No one was ever sorry he bought the best." It goes doubly so for disk drives. Pay a little more for a trouble-free Superdrive and you'll never regret it. Experience the reliability and quality of a Superdrive and you'll know what we mean when we call it "DISK DRIVE EXCELLENCE."

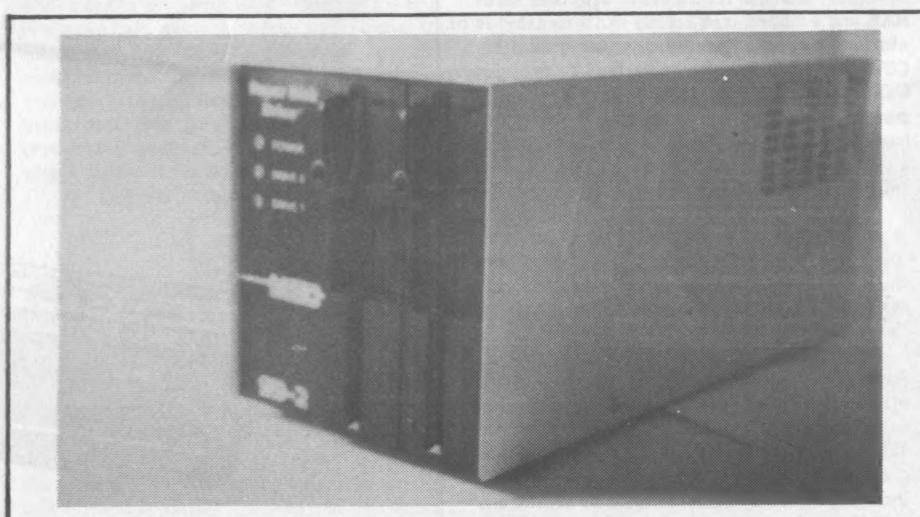
ORDER YOUR'S TODAY #230-300 Single 13 lb. \$349.95 #230-310 Dual 17 lb. \$649.95 #230-410 IEEE Interface 2 lb. \$109.95 #230-411 IEEE Cable 1 lb. \$49.95



For your Superdrive or other disk drive, these diskettes are guaranteed to meet or exceed every industry standard and are certified 100% error free. This guarantee covers a minimum of 12 million passes... extremely long life for magnetic media. These are 5 1/4" Single sided, Double density

#101-300 10 diskettes 2 lb. \$40.00





#### Monitors

You don't have to settle for a bad picture if you're currently connecting your computer to a television set. Our monitors will work with all Timex and Commodore computers and they're TIMEX 2068 computers. It has to accept a cinch to hook up. They're plug compatible with the Commodore VIC/64 and the TIMEX 2068.color monitors we could find were limited to And, if you want to use them with your TIMEX 40 columns of display (that's 40 characters 1000/1500 we have easy conversion kits. Now across the screen). To get 80 columns we'd that you've convinced yourself that inexpensive computers are REAL computers, why turns out to be perfect in either regard. It not get yourself a REAL computer monitor?

GORILLA GREEN AND AMBER MONITORS & Our Gorilla monitors are unlike other inexpensive monitors in that they're high quality, high resolution units. Don't let the low price fool you, these babies can handle up to 80 columns with crystal clarity. They come with a 12 inch non-glare screen and accept a composite video input. Resolution is 80 columns by 25 lines. The screen angle is adjustable too. 3 controls on the front turn the monitor on/off and adjust brightness and contrast. The input jack is a standard RCA phono plug, so you TIMEX owners can use the same cable that came with your computer. TS1000/1500 owners... be sure to order a monitor conversion kit. TS2068s are plug ready with their own cables. Commodore owners, you'll need our monitor cable. To top everything off, these Gorilla monitors are built to last. They come with a full one year limited warranty!

#101-450 Green 20 lbs. \$99.95 #101-455 Amber 20 lbs. \$124.95

SANYO DMC 6500 COLOR MONITOR -> You wouldn't believe how hard it was to find the right color monitor for Commodore and composite video input and the only composite have needed an RGB monitor. Well, the DMC 6500 is a combination composite AND RGB color monitor! TIMEX 2068 owners will appreciate this, since you can get 32 or the full 64 character color displays right now ... using your composite output. And when the Microdrive interface comes out, you can connect the same monitor to the RGB port and get the even clearer picture only possible with an RGB system. You Commodore owners will be able to use the clearer RGB features as soon as a suitable interface is developed. In the mean time, the composite mode will give a clear, accurate picture for 40 to 80 columns width. The composite connectors are standard RCA type... so TIMEX owners can use the cables that came with your machines. Commodore VIC/64 COMBINATION composite/RGB DMC 6500 monitor the old cable and plugging in the new one. owners be sure to order our monitor cable. General features of the DMC 6500 include a 13 inch diagonal screen, intensity input for 16 color RGB, audio amplifier and volume control, black matrix-quick start CRT, and an optional green display in the RGB mode. Controls include: Power, volume, color, tint, brightness, contrast, H-Center, V-Hold, RGB/Composite, and Green Display. We do have a #216-450 DMC 6500 30 lb. \$399.95



more technical spec. sheet. just call or write for a copy. Now for the best news. Even though RGB Monitors are expensive ( Amdek RGB Monitors list around \$700 and above), Our lists for only \$495.00. We were able to fanagle a special purchase on them though, and are offering them at the low price of \$399.95... that's comparable to 40 column composite video monitors! We don't know how long we'll be able to offer the DMC 6500 at this price, so don't delay. Order your's

MONITOR CONVERSION KITS

For TIMEX 1000/1500 computers. Kit changes visual output to direct composite video... making connection to our green screen monitors possible. Comes complete with components and instructions.

#220-450 Mon.Con.1000 1 lb. \$19.95 #220-451 Mon.Con.1500 1 lb. \$19.95

COMMODORE VIC/64 MONITOR CABLE Use our monitor cable to connect your Commodore to any composite video monitor. It consists of a 5 pin DIN type plug on one end, and four RCA type phono plugs on the other end. The four phono plugs are color coded and make the cable compatible with color or monochrome monitors. Two of the plugs are for audio if you have a monitor equipped for sound (like our DMC 6500). These cables will work fine for connecting your VIC-20 or Commodore 64 to the monitors we sell as well as other

industry standard monitors. #230-450 Cable 1 lb. \$19.95

SHIELDED TV CABLE

The unshielded TV cable that came with your Commodore/TIMEX computer acts very much like an antenna. It can and does pick up radio frequency interference... which translates into a wavy display on your TV screen. Our 4 foot shielded coaxial cable doesn't pick up

background to white letters on a black background. You can switch to whichever display best suits the computing you're doing because the unit comes with a toggle switch. Background can be adjusted from totally black to gray using your TV controls. Installation requires opening the computer case. Four solders must be made and the toggle switch installed. Note: Our inverters have been custom made with extra long toggle switch leads. This allows you to install them anywhere on your computer. Other inverters must be installed at the back of your computer... where they interfere with your RAM

all of that interference and you get a better

now have only the cable is shielded.

#115-405 Cable 1 lb. 14.95

THE VIDEO INVERTER

Installation is only a matter of unplugging

picture. The plugs are the same RCA type you

A fun addition to your Sinclair ZX81 or TIMEX

TV picture from black letters on a white

1000 computer. The Video Inverter changes your

and other peripheral add-ons. We offer both VHF and UHF versions of the inverter. If you order our UHF conversion kit, be sure to specify the UHF Video Inverter.

#117-400 VHF Inverter 1 lb. \$16.95 #117-401 UHF Inverter 1 lb. \$16.95

UHF CONVERSION KIT For Sinclair ZX81 and TIMEX 1000/1500 computers. TV channels 2 and 3 are especially sensitive to radio frequency interference generated by your computer. UHF channels are much less sensitive... especially in the area of channel 33. Our UHF conversion kit changes your computer output to channel 33-UHF and clears up virtually all interference. The result is a crystal clear picture no matter how many peripherals you attach. The kit comes complete with a replacement UHF modulator and instructions. Some soldering is required.

#137-400 UHF Kit 1 lb. \$19.95

# Tele Computing

You can use your TIMEX or Commodore computer software comes on cartridge and provides auto to access some of the world's largest data banks! All you need is one of our modems and a telephone. Hook them up with your computer, dial the phone number of another computer, and containing phone numbers and other you're in business!

It's called "Telecomputing" and it's the wave of the future. With it, you can do banking, access late breaking news right off the wire, follow the stockmarket as if you were right there, make airline reservations, send electronic mail or telegrams in an instant, and share expensive data bank facilities. Some of our customers use their modems to access data banks at universities and colleges. Another use for telecomputing is to share data storage facilities. A basic, unadorned computer like the TIMEX 1000, with only 2K of RAM and a modem, can access multi megabytes of storage through telecomuting services like COMPUSERVE. It used to be that Telecomputing was expensive. But, take a look at these modems and Compuserve and you'll see all that has changed. Get yourself a modem and discover a whole new world of computing... with your telephone!

#### TIMEX 2050 MODEM

Designed especially for all TIMEX computers, the 2050 offers some exceptional features at a remarkable price. It's one of the new "modular" hook-up modems. This means you don't need to put acoustic "cups" on your telephone. Just plug the modem into your phone jack. The standard SMART I software that comes on cassette will allow you to use the 2050 with TIMEX 1000, 1500, and 2068 computers and provides the capability to auto answer incoming computer calls, as well as access any outside data base. The optional SMART II

dial of up to 14 different phone numbers, each with it's own preset access codes and log-on sequences! You can save and load other files communication parameters ... making the auto dial feature capable of many more than the basic 14 numbers. With the speedy microdrive on your TS2068, this will give amazingly high speed auto dialing capabilities. Incoming data is handled just as nicely. You can store it right in your RAM and print it out later. For example, a friend might send you a letter over

the phone. He types it all up, then dials your

number. Your TIMEX answers the phone (even if you're not there) and receives the message in an instant. When you get home, you check the computer for messages, see one present, and have it printed out! Bach modem includes over \$160 worth of free trial services from The News Retrieval. Order your's today! #100-375 TS2050 Modem 4 lb. \$119.95

#100-376 Smart II/2068 1 lb. \$39.95 #100-377 Smart II/1500-1000 1 lb. \$39.95

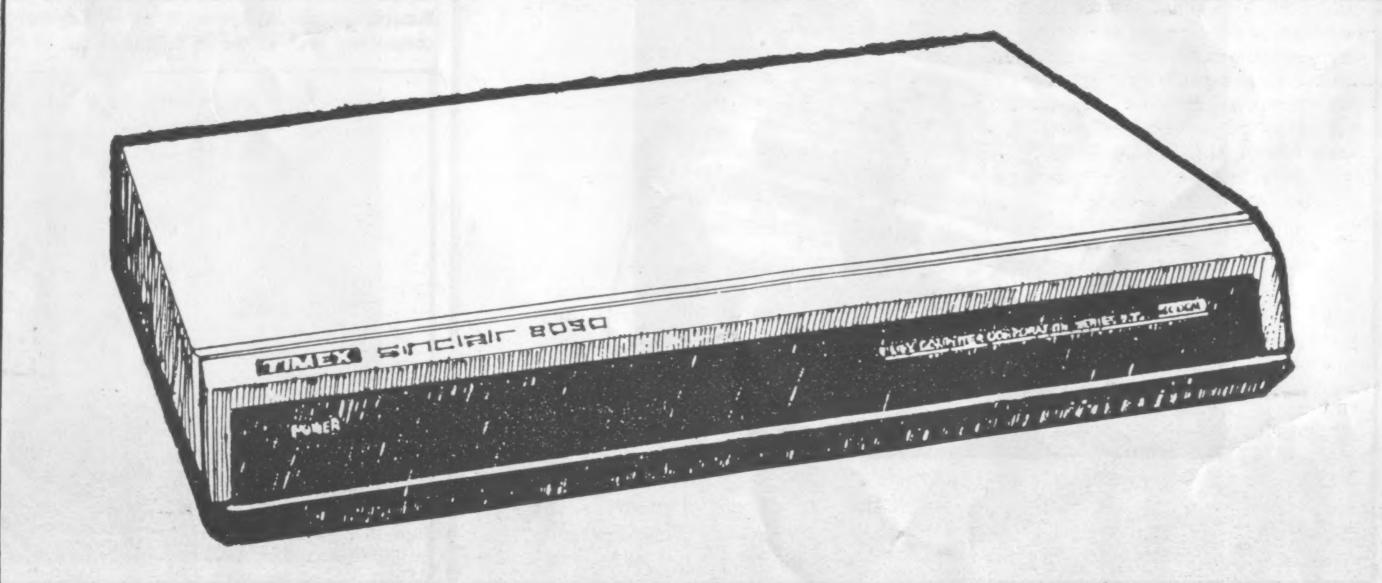
COMPUSERVE

6

If you like the idea of telecomputing, but don't know any computers to call up, the one phone number brings you a databank of information and services on just about any

subject you want. With compuserve, you can access the stock market, telephone directories, medical references, newspapers, magazines, air travel information, Associated Press wire service, weather info., games, electronic mail, and a myriad of other Source, Compuserve, MCI Mail, and Dow-Jones databanks. When you figure what it would cost to subscribe to a paper version of these sources, the subscription to Compuserve is a bargain. The actual directory of Compuserve services is too big to print here... it extends through 8 columns of type, finer than a phone book, and each column is 10 inches long! You get this directory when you subscribe. Each subscription also comes with 5 Compuserve package may be what you need. Just free hours of access time, your access number and a directory of toll-free access numbers.

#116-375 Compuserve 3 lb. \$39.95



# Accessories



TIMEX 2090 JOYSTICKS

For the TIMEX 2068 and Commodore VIC/64 computers, these joysticks have the standard 9 pin joystick plugs. They're of exceptional quality for the price charged. Use them for more realistic action when playing computer

#100-410 TS2090 Joystick 1 lb. \$14.95

TS1000 CENTRONICS INTERFACE For ZX81 and TIMEX 1000 computers, this Centronics Parallel Interface allows you to connect your computer to a full size printer. It functions from the standard print commands: LPRINT, LLIST, COPY, and Bit Graphics Mode. It's compatible with our Mini Disk Interface, too. This interface works with any printer that accepts Centronics Parallel Input. #101-400 TS1000 CPI 1 lb. 99.95

TS2068 CENTRONICS PARALLEL INTERFACE Connect your TS2068 to a full size printer. This interface supports the standard print commands: LPRINT, LLIST, COPY and Bit Graphics Mode. It works with printers that accept standard Centronics input.

#101-413 TS2068 CPI 2 lb. \$89.95

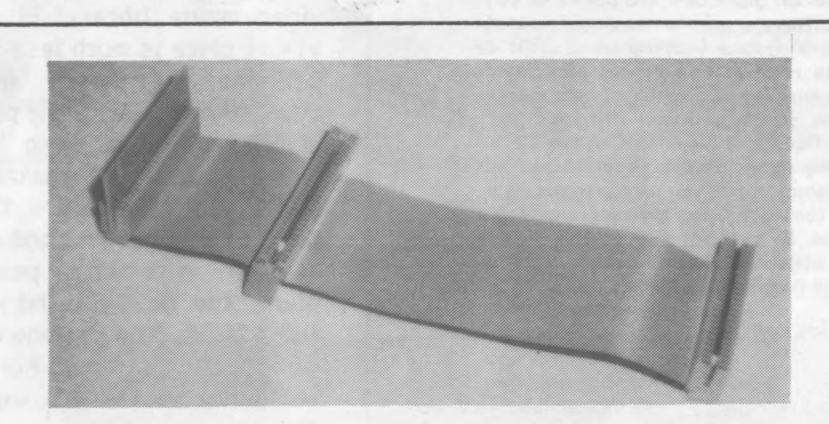
FOUR PORT EXPANSION SYSTEM For Commodore 64 computers, this system allows you to have up to four software cartridges plugged in simultaneously. It accepts any software cartridge that's normally compatible with your computer, even those of varying widths. Features include a fuse to prevent excessive current drain and a reset switch... allowing you to restart your computer without losing memory in RAM. #230-400 4 Port Ex.Sys. 1 lb. \$69.95

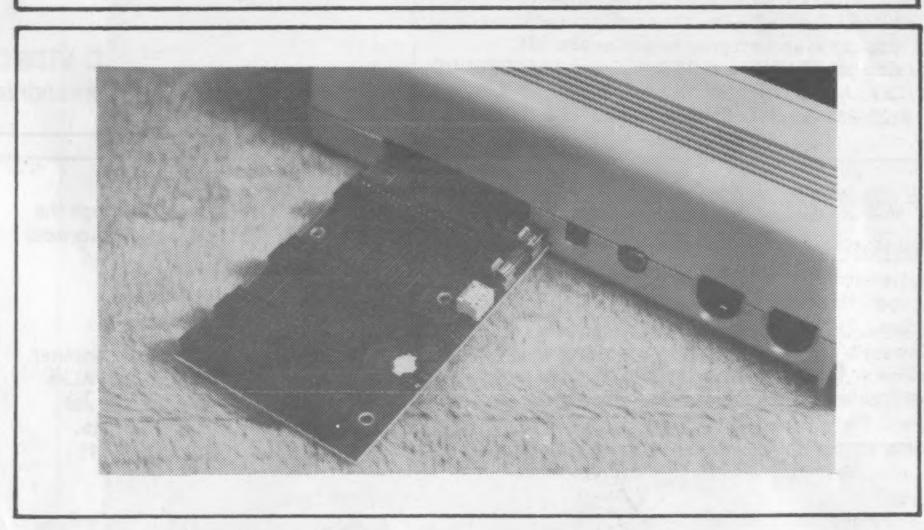
Many standard cassette recorders don't give optimum performance when used with computers. swings and straps and jumpers. These features expansion port and has a through plug for These filters purify their signal, giving more reliable LOADs and SAVEs. Order FL1000 for TS1000/1500s and FL2000 for TS2068s. #363-400 FL1000 1 lb. \$9.95

#363-400 FL2000 1 lb. \$9.95

CASSETTE RECORDER FILTERS.

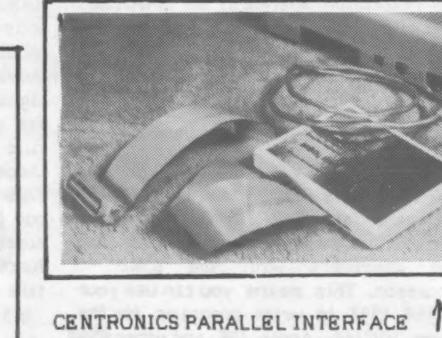
#230-412 C-64 RS232 2 lb. \$59.95





IEEE INTERFACE

RS232 INTERFACE Allows you to connect your Commodore 64 to Allows you to connect your Commodore 64 to other Commodore devices such as the 4040, serial devices such as printers, modems, 8050, 2031, 2032, 4022, and 8023. Also allows plotters, etc... any device that accepts RS232 connection to the IEEE port on our Superdrives input/output. This interface meets full EIA standards with positive and negative voltage giving much faster utility. Plugs onto the allow you to reconfigure your RS232 to meet other expansion modules. Requires IEEE cable. pinouts for any RS232 device. You also get software selectable reconfiguration of baud rate, parity, and duplex mode.



#230-410 IEEE INTERFACE 2 lb. \$109.95

#230-411 IBEE CABLE 1 lb. \$49.95

Allows you to connect your Commodore 64/VIC to any printer with standard Centronics Parallel input. Plugs into the serial port and gives total Commodore compatibility. Features include switches for setting insertion or deletion of line feed, conversion to standard ASCII, addressing the printer to device 4,5,6, or 7, and the ability to print normally unprintable characters in recognizeable

#101-361 C-64 CPI 2 lb. \$79.95

EXPANSION RIBBON CABLES For ZX81, TIMEX 1000, and TIMEX 1500 computers. These ribbon cables are approximately 8 inches long and allow connection to more than one peripheral that has no through plug (3 port version), connection to the QSAVE EPROM, and connection to stabilize your RAM module. Some customers have come up with their own projects where the ribbon cable helped connect things within the confines of a separate case. How many uses can YOU think of for them? #105-400 2 Port Ribbon Cble. 1 lb. \$19.95

#105-401 3 Port Ribbon Cble. 1 lb. \$24.95

+

# TS1000/1500 Software

HI-REZ WORD PROCESSING 16-64K Our new HI-REZ word processor actually displays it's own set of lower case letters and gives a full 64 character display on your screen. Output to your TS2040 printer can give the usual 32 character width, or 64 characters printed out sideways on the paper! You can print either the whole text or a screen at a time. Text entry is high speed and flicker free with a thin underline for a cursor. It has full repeating Keys, insert, delete, or move text. All text is automatically comes up in lower case with capitols in the graphics mode. Of course it has word wrap and complete editing features. And, it works for 16-64K of memory. Designed for the TS2040 printer. This is the program you've been asking for: Lower case letters AND 64 character display right on your screen!

#275-600 Hi-Rez Word Pr. 1 lb. \$24.95

ZX PROFILE 16-64K by Thomas Woods

Thomas Woods is a man obsessed with proving the worth of the TS1000/1500 computer. His diligent work on this program has produced, clearly, the best data filing system available. First, it works for 16-64K of RAM... so it holds enough information to be useful. You can output to your printer in any order you choose. You can add new files, edit or delete existing files. ZX Profile is flexible. Files and records can be as big or small as you want them. Search facilities allow you to find records based on any word or words in the record. Time consuming functions are in machine code, but the rest is in BASIC ... making modifications simpler. Even printer functions are definable. Probably the best feature of ZX-Profile is it's optional analysis capabilities. You can do counts, calaculate percentages, analyze frequencies, etc. Documentation is excellent. A 59 page manual tells how everything works and how to modify the program for special applications (ie. large printers, disk drives, stringy floppies, etc.) Use this program for storing scientific, personal, business, inventory, or club records.

#298-600 ZX Profile 1 lb. \$15.95

TAX COMMAND 16K We may be a little late with this one, but if

you haven't done your taxes YET, maybe you better get some help from your computer! It includes Form 1040, Schedule A (deductions), Capitol gains, Income averaging, and 1983 tax tables. Let your computer figure your taxes, order today!

#197-600 TAX 1000/1500 1 lb. \$24.95



THE ORGANIZER 16K A general purpose data base, noted for it's ease in setting up. The organizer presents an index card type of record which you arrange with titles and data fields as you wish. It can be ordered alphabetically or numerically, searched, and edited. The number of records it holds depends on the size of each record, but it's roughly 100. You can set the printer

output to arrange text anyway you want. #100-600 Organizer 1 lb. 14.95



FROGGER 16K Frog must hop across river and highway avoiding snakes, crocodiles, and traffic. Object is to rescue his sweetheart and bring her to safety. Good graphics, this game is by Sega Enterprises, creators of the arcade version of Frogger #100-710 Frogger 1 lb. \$15.95

KRAZY KONG 3 pak 16K

Very much like the arcade Donkey Kong, only for the TS1000/1500. The object is to reach the damsel in distress at the top of the skyscraper avoiding the obstacles that Kong tosses in your way. This cassette includes Ghost Hunt game and Stopper, machine code program breaker. Alot of fun and a good

105-700 Krazy Kong 1 lb. \$17.95

MOTHERSHIP 16K Another 3 dimensional game, you sit in the cockpit of your Starlight Fighter flying mere

inches from the sides of the Zorway space corridor at screaming speeds. There's plenty of starship blasting and fancy flying with 3-D all the way. A very exciting game as you pursue the Mothership.

#125-700 Mothership 1 lb. \$15.95

QUEST FOR THE HOLY GRAIL A daredevil archeology professor, you search for the Holy Grail on a volcanic island. Read the clues, outwit the Nazi, evade the

cannibals, and descend into the passageways that lead to the Grail. As a bonus, you also get THE ELUSIVE MR. BIG program ... another adventure game. #125-705 Holy Grail 1 lb. \$16.95

SPACE COMMANDO You are commissioned to infiltrate Zircon 12 so that your space fleet can land and defeat the renegade androids. Be prepared for some pretty gruesome clues! This is an adventure

#125-710 Space Commander 1 lb. \$14.95



SUPER CHESS 16K

Play Super Chess with your computer and match your gut instincts with the wonders of computer logic. You'll probably lose! With 10 levels of play, tactical or positional evaluation, move analysis, all legal moves, standard openings catalog, excellent graphics, display of up to 15 previous moves, and computer recommended moves, this is the best computer chess game available. There's even a self play mode that lets you watch the computer play itself.

125-720 Superchess 1 lb. \$18.95

FOREIGN LANGUAGES 16K Can an American learn a foreign language from a computer? You bet! These programs teach the

basic vocabulary and phrases of German and French. You learn over 240 words and 50 phrases in each language. These are crash courses in foreign communication for students, travelers, business people... whatever. If you're going abroad, these programs are an absolute MUST!

> #100-820 German 1 lb. \$10.95 #100-825 French 1 lb. \$10.95



STATES AND CAPITALS 16K A self teaching tool with a map of the United States. Enables memorization of lacation and name or states and capitals. Available on cartridge for 1510 Command Cartridge Player. #100-838 St.&Cap.Cartridge 1 lb. \$19.95

FLIGHT SIMULATOR 16K Learn the basics of instrument flight with an artificial horizon and full instrumentation. It's not as easy as you might think! After using a map and radio navigation beacons you'll hopefully be lined up with the runway, ready to land, and still have some fuel! Landing is an altogether different proposition. A visual runway is displayed along with your instruments and you descend at the right rate not to crash and not to

while to master it ... then you can add wind effects! Available on cassette and cartridge. #100-835 Flt.Sim.Cassette 1 lb. \$19.95

overshoot. Graphics are excellent and the

techniques are challenging. It'll take you a

#100-836 Flt.Sim.Cartridge 1 lb. \$19.95 Basic BASIC 2K A series of 2K programs which take the

beginner through the construction of a simple game program. They use a program-by-example technique to teach programming. You get the programs on cassette, a blank cassette for saving your work, and a workbook that includes diagrams, tips about easy ways to edit programs, and LOAD/SAVE techniques.

#136-820 Basic BASIC 1 lb. \$17.95

SUPER MATH 16K Drill yourself or your child in the four basic math functions with 5 levels of difficulty. Each problem is graphically depicted and a final grade is given after each 10 problems. An excellent teaching facility that provides ongoing feedback as students progress through each challenging level of difficulty. Available on cassette or cartridge for TS1510 Command Cartridge Player.

#100-870 S.Math Cassette 1 lb. \$14.95 #100-871 S.Math Cartridge 1 lb. \$19.95

PROGRAMMING AIDS

MCODER 3 PACK 16K Write and debug your program in BASIC and then MCODER compiles it into high speed machine code. It supports the basic math functions but not trig. and logic. Those sorts of programs would have to be compiled partially in BASIC and partially in machine code. MCODER makes for much faster running programs however you use it. This package has two bonus programs in addition to MCODER. Assembler/Debugger and Stopper to BREAK

#105-900 MCODER 1 lb. \$23.95

machine code programs. An Exceptional value.

131000/1300 60116...

SPECTREX GRAPHICS 32-64K An exceptional value, the SPECTREX program provides high resolution graphics and three dimensional design facilities. For example, you can design a figure, shade it, and rotate it... all with your computer. It contains it's own high resolution software, so SPECTREX needs alot of memory. You'll need a minimum of 32K with this one.

#114-901 Spectrex 1 lb. \$24.95

TS1000/6502 CROSS ASSEMBLER 16-64K This software takes TIMEX 280 mnemonics and our Graphics Kit if you want... providing a cross assembles them into machine code that runs on computers with the 6502 microprocessor. This means you can use your TIMEX 1000/1500 to write programs for the Commodore VIC/64, Apple IIE, and other 6502 based computers! Commands include: Insert, Delete, Block Delete, Modify, Save, Load, Compile, List (to screen or printer), and Symbol Print. It also permits use of labels for branches or jumps. This is quite a sophisticated utility. It was produced for us by a company that uses the Timex 1000 to program computerized wheel balancing systems! You also get SEARCH and REPLACE and BACKGROUND

#220-900 TS1000/6502 Comp. 1 lb. \$24.95

PROGRAMMER'S TOOLKIT Features line renumbering including GOTO's and GOSUB's allowing you to open up space for more program steps or just neaten up your programs. The Free space function tells how many bytes of memory you have remaining in RAM. A Search and Replace function changes the occurence of characters and commands as you require. There's even a tape routine that provides a system wait condition until a signal is received from the cassette player. For graphics, a hyper-graphics mode instantly fills the screen with any character you choose. Reversing the screen is possible too. This program is made to be co-resident with superb combination of graphics and toolkit functions. Everything is in machine code to take up little memory and run fast. 125-900 Programmers Toolkit 1 lb. \$14.95

**GRAPHICS KIT 16K** Gives 23 machine code graphics routines including DRAW/UNDRAW, BORDER/UNBORDER FOREGROUND ON/OFF, REVERSE, and many more. Print position can be altered by commands: UP, DOWN, LEFT, RIGHT. You can scroll up and down and you can even turn your screen on and off.

#125-905 Graphics Kit 1 lb. \$14.95

ON/OFF. An excellent utility!

Panasonic VCR's \$14.95

1 GIR WRAEL MISELLE

Yes, you can have your very own Panasonic Video Cassette Recorder for only \$14.00! These VCRs normally sell for up to \$700.00 in stores. Not only that, you also get two "first run" movies (with exchange priviledges) from our extensive video movie library! If you haven't guessed it yet, this \$14.00 price is much less than the package costs. How can we sell them that cheap? Well, there's really no trick to it. It's part of an exciting program designed to introduce more people to the booming Video Cassette Recorder business. We're a nationwide distributor of VCRs looking to establish small VCR businesses throughout the country. You can be a part of this booming industry and be your own boss, too! We have an information package that describes our business plans and how you and your friends can get Panasonic VCRs for \$14.00. The package is expensive to print and mail, so we do charge for it. For your copy, please send \$2.00. If you'd prefer to call, we do accept VISA and Mastercard. Thank you.

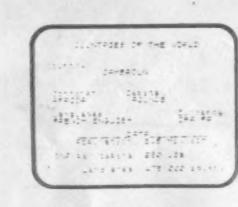
ROICO VIDEO P.O. Box 781-B, Alexandria, MN 56308 \* 612/763-7051

# TS2068 Software

PERSONAL ACCOUNTANT 2068 A comprehensive accounting program with financial features usually only found in

easy to use and well documented. Available on

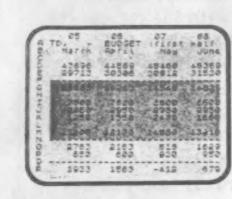
cassette only. #125-600 Pers.Acc.2068 1 lb. \$21.95



VU-FILE 2068

Index card type filing system, similar to ORGANIZER for the TS1000. Features easy to set up records, search, edit, delete functions, Printout formatting and ordering of output either numerically or alphabetically. Available on cassette and on cartridge (cartridges in April).

#100-655 Vu-File Cart. 1 lb. \$34.95 #100-654 Vu-File Cass. 1 lb. \$24.95



**VU-CALC 2068** An electronic spreadsheet or columnar pad. Enter figures and formulas onto columns and rows, let the computer do the figuring. Us for business, science, or other types of number analysis. Available on cartridge (in April) and cassette.

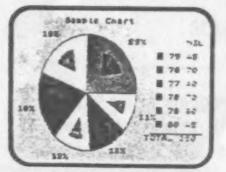
#100-650 Vu-Calc 2068 Cart. 1 lb. \$34.95 #100-651 Vu-Calc 2068 Cass. 1 lb. \$24.95



VU-3D 2068

A sophisticated design and modeling program which allows you to create any object on the screen which you can then modify, expand, reduce, shade, color, or zoom in or out. You can even rotate the object to view it from other 3-D perspectives. This is an exceptional program fro serious design work or for just you pinpoint needed repairs. fun use of your 2068 computer! Available on cassette. Order today!

#100-652 Vu-3D 2068 Cass. 1 lb. \$24.95



**QUADRACHART 2068** 

This is a sophisticated charting and graphing program. You develope numerical data charts and then use them to create bar graphs, pie charts, or line graphs in full color high resolution. A single data chart can be illustrated as four different graphic charts. Available on cassette.

100-653 Quad.Chrt.2068 Cass. 1 lb. \$19.95

Written for us by a professional mailing list manager, this program is a truely professional expensive business software. This program is system. It can hold up to 250 names, addresses, and telephone numbers. All commands are menu driven for easy use. Records can be added, deleted, updated, sorted, searched, and saved. You can sort by name, city, state, zip code, area code, or telephone exchange. Output to a printer can be formatted any number of

#364-600 Mail List 2068 1 lb. \$19.95



BUDGETER 2068

Track actual versus budgeted expenses and let your computer analyze the differences. Up to 50 catagories of expenses can be recorded for a full year's budget. Bar graphing feature illustrates data graphically. This program is a valuable tool for business as well as home budgeting. Available on cartridge or cassette.

#100-660 Budgeter 2068 Cart. 1 lb. \$34.95 #100-661 Budgeter 2068 Cass. 1 lb. \$24.95



CHECKBOOK MANAGER 2068 Balances your checkbook and gethers data for

tax perposes. Deposits are entered by date, amount, and source. Checks issued by date, amount, payee, and tax classification. Available on cassette.

#100-621 Checkbook 2068 1 lb. \$19.95



Auto Analyzer 2068 A sophisticated computer system to Keep your car in top shape. This program tracks all automotive maintenance and lets you know when for serious programmers. Available on cassette your next service is due. Diagnostic aids help

#100-653 Auto An. 2068 1 lb. \$24.95

COSMIC GORILLA 2068 Gorilla raiders invade earth and you have to fight them off. The multiple screens in this game create dramatic effects. Available on cassette.

#125-725 Cos.Gor.2068 1 lb. \$19.95

CRAZYBUGS 2068

Move through mazes grabbing eggs and unlocking locks, but don't get bitten by the bugs! When you win, you enter a secret door to the next level of play. Available on cassette.

#100-713 Crazybugs 2068 1 lb. \$19.95

**GULPMAN 2068** 

An exciting maze game. You ush through the maze gobbling up apples and avoiding wormoid chasers. Available on cassette. #125-730 Gulpman 2068 1 lb. \$19.95

VOICE CHESS 2068

Here's a game that really uses your computer capabilities to the fullest. It actually TALKs to you! It features 7 levels of play and excellent graphics. Available on cassette. #125-735 Voice Chess 2068 1 lb. #24.95

PENETRATOR 2068

A high speed arcade flying game. You fly low avoiding the roving terrain and through tunnels to bomb the enemy base without getting Available on disk shot down. Four levels of play. Available on cartridge (April) and cassette.

#100-720 Pntrtr\_2068 Cart. 1 lb. \$39.95 #100-721 Pntrtr.2068 Cass. 1 lb. \$19.95

PINBALL 2068

Pinball action shoots the ball, bumper action, nudging, and flip action flippers. Free ball awarded at 10,000 points. High scores light up the scoreboard. Available on cartridge (April).

#100-715 Pinball 2068 1 lb. \$34.95

DRAGMASTER 2068 Speed your dragster over the quarter mile strip, shifting gears and monitoring the

Available on cassette. #100-711 Dragmaster 2068 1 lb. \$15.95

clock in this exellent auto simulation game.

CYBERZONE 2068 This is an exciting new voice activated game. Using the sound capacities of your 2068, Cyberzone makes for a unique variation on the On disk. usual way games are played. Available on

cassette. #125-748 Cyberzone 2068 1 lb. \$19.95

FLIGHT SIMULATOR 2068 Learn instrument flight with this new hi-res version of Flight Simulator. See TS1000/1500 software for complete description. This version offers more features, in color, and in high resolution. Available on cartridge and cassette.

#100-836 Flt.Sim.2068 Cart. 1 lb. \$39.95 #100-838 Flt.Sim.2068 Cass. 1 lb. \$24.95

PROGRAMMING AIDS

MONITOR/DISASSEMBLER 2068 This program allows you to more easily enter, edit and debug machine code programs. A MUST

#125-901 Mon/Dis 2068 1 lb. \$19.95

ASSEMBLER 2068

This program assembles assembly language Everything is menu driven to make it easy to programs quickly and efficiently. Another MUST use. On disk. for serious programmers. Available on

#125-902 Assembler 2068 1 lb. \$19.95

TS1000 to TS2068 PROGRAM CONVERTOR This new program allows you to convert your library of ZX81, TS1000, and TS1500 programs into TS2068 programs! Now, you don't have to re-key all of those programs to make them compatible with TS2068s. It works for programs written in BASIC, not machine code. This program is sensitive to tape recorder head allignment, so we recommend purchase of an FL2000 recorder filter.

#363-900 Prog.Conv. 1 lb. \$19.95

Commodore-64

ORACLE DATA BASE

A super versatile data base, Oracle can have up to 8 screens of text in a record, up to 99 data fields. Elaborate search, select, and sort features give yoou up to 10 diffeent levels of subsort. Analysis features help you to generate reports from the data base too. Calculations can be done, printer forms set up... everythin is so flexible and easy to use. Use Oracle for anything from simple mailing lists to elaborate personnel or customer records. Reports can be anything from sales figures to invoices and statements.

#235-600 Oracle 64 3 lb. \$149.95

SCRIPT 64 WORD PROCESSING This word processor give you 80 columns of word wrap, insert, delete, move, auto advantage of your printer's special capabilities, such as bold print, underline, etc. You even get a data base to interact mailing lists with your text! On disk #235-605 Script 64 3 lb. \$99.95

speedometer and tachometer. You race against a A three dimensional electronic spreadsheet, Calc Result allows you to interact several spreadsheets and produce summaries, projections, or analyses. Column widths are adjustable, printout formats are adjustable, and there're even logic capabilities. This is a low cost spreadsheet that rivals \$500-700 programs written for more expensive computers.

COLOR 80-80 Columns This software gives you an 80 column display on your Commodore 64. It loads under BASIC, Kernal, and I/O, so it won't use any of your necessary. On disk.

#235-900 Color-80 3 lb. \$39.95

CODEPRO-64, Computer Tutor An exceptional way to learn your Commodore 64! Codepro-64 teaches the all of the BASIC language elements, Sprite, and Music programming. You or other students constantly interact with the computer as you learn.

Here's possibly the last program you'll ever buy. The Last One is a program generator. It writes customized programs from the perameters you select. If you have a special program need and haven't been able to find just the right software, this is the one to get. It'll make programs do what YOU want them to do! IBM-PC versions of this program cost \$500. But you can get it for your Commodore 64 for a fraction of that price. Order your's today. On

#235-910 The Last One 3 lb. \$99.95

text without hardware modifications. It features big word processing capabilities like hyphenation, search, and right justification. A printer selection feature allows you to take

CALC RESULT ADVANCED

#235-610 Calc.Res.64 3 lb. \$149.95

BASIC memory! No harware modifications are

A language that's faster and more compact than BASIC, FORTH is surprisingly easy to program with. Load this operating system onto your Commodore 64 and it's almost like getting a new computer! On disk. #235-905 64 Forth 3 lb. \$49.95

#220-905 Codepro-64 3 lb. \$59.95

THE LAST ONE

EB4 Company)

# New Product Reports

SPECIAL SUPPLEMENT

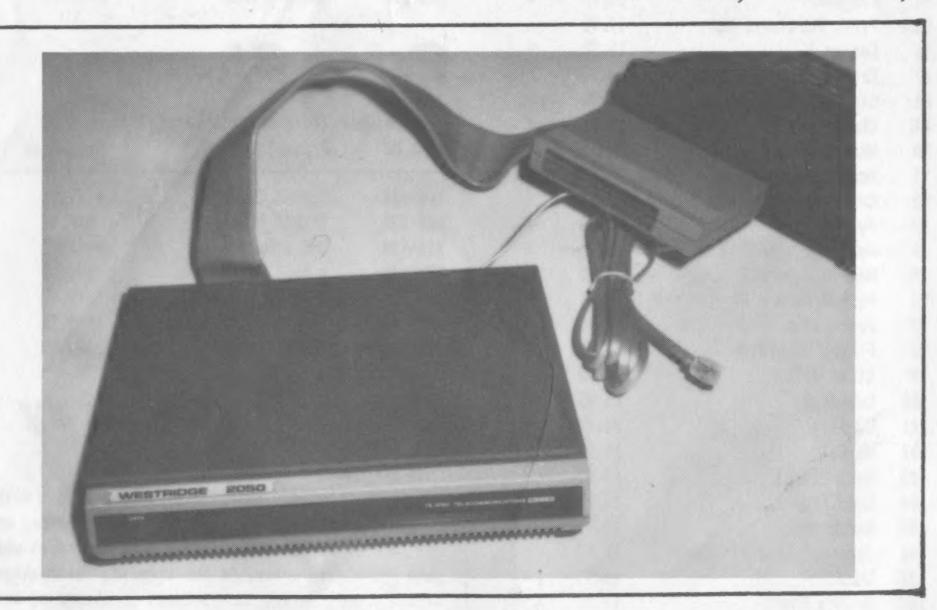
... For Timex and Commodore Computers

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# 2050 Modems... We've Got'Em!

For TS1000, TS1500, and TS2068 Computers)



3/\$10.00 Software Sale

their inventory at prices which permit us to These are rock bottom close-out prices...All Sales

you already have, please list your present

collection and we'll be sure not to substitute

Are Final . Please use the item numbers when

ordering and listing 2nd, 3rd, and 4th choices.

Now's the time to beef up your software library

and save a bundle of money. Although we've so far

been able to find more suppliers who'll sell to us

will dry up. And, once they're gone, that's it.

So, don't put it off! Call or write today and

place your order! By the way, on these quantity

purchases, use the total price and our shipping

chart for shipping costs. We won't charge you

\$2.80/title unless you're only ordering one at a

Minimum In

low prices, there's no telling when supplies

something you don't need.

tem Software

Guitar for Beginners

Language Usage

Total Triangles

Music Educator I

Conversational German

Conversational French

Conversational Spanish

Doobarry Domino Counting

Intro. to Chemistry

Fundamentals of Math

Teacher's Gradebook

Grimm's Fairy Tales

Mixed Game Bag I

Stock Market Game

Fortress of Zorlac

Superdoodles

Spelling Bee

Backgannon

The Gambler

60 Big Flap Attack

RAM Runner

The Puzzler

Pinball

Frogger

68 Strategy Football

Kasino Kraps

Merchant of Venus

Money Analyzer 2

Money Analyzer 1

Trap

72 The Trident

73 Galactic Gunner

Word Quest

77 Power Pack I

78 Mixed Game Bag II

79 Flight Simulator

70 Tarot

No. Title

Some of you may have already heard of our 3/\$10 similar program

our mailing list because supplies were limited.

Well, since then we've been finding distributors

continue the sale. These are all brand new and in

their original containers. The sale pricing goes

like this: If you buy the cassettes in groups of

three, they're 3/\$18. If you buy them in groups of

2 or less, they're \$5/each. The chart below lists

the programs we carry and which ones were in stock

at the time this was written. We're constantly

getting new shipments, but often don't know which

titles we're getting until we open the shipping

crates! Because supplies are always changing, we

ask that you list your 2nd, 3rd, and 4th choices.

choices, but reserve the right to substitute a

Item Software

Statistics

Geometry

Algebra I

Algebra II

Bat Cage

13 The List Manager

16 The Budgeter

19 Coupon Manager

Carpooler

25 IRA Planner

Vu-Calc

The Challenger

Mixed Game Bag III

Inventory Control

17 Loan/Mortgage Amortizer

Stock Option Analyzer

Home Asset Manager

Automobile Analyzer

Portfolio Analysis

College Cost Analyzer

States and Capitals

Punctuation Master

Ator the ABC Gator

40 E.E.-1 Filter Design

Capitalization Master

16K

33 Electric Cost Analyzer

Supermath

Presidents

Real Estate Investment

Personal Finance Planner

Heating System Analysis

Solar Water Heater Design

Home Improvement Planner

Checkbook Manager

Stamp Collector

Manufacturing Control

Critical Path Analysis

Stock Market Tech. Anal.

Keyboard Calculator

No. Title

our best to fill your order with first

Minimum

RAM

Stock

all around the country who are willing to sell

as simple as this: Plug the modem onto the back of 2050 operates at 300 baud, so it gets the lowest modem into your phone jack. Power up the computer on your printer. A very informative and of technical terms associated with modems. So as not to confuse things, the 2050 is preset to you're at it, check out the Compuserve starter kit communicate with all of the special services like on page 6. It gives you 5 free hours of connect Compuserve, The Source, and Dow-Jones... to name a time! few. But right from the menu, you can reset these parameters using plain english terminolgy... no special programming knowledge is needed. You can

only have we got them, they work like a select half or full duplex. Odd, even, or no charm! No elaborate machine code POKE commands or parity. You can set word size for 5, 6, 7, or 8 other confusing operating procedures. Operation is bits. And you can select 1 or 2 stop bits. The hourly rates on information services. If you want a copy of what you're receiving, you can print it understandable operating manual is included and everything comes ready to go and covered by a one year warranty. If you've been waiting for the modem that doesn't require an electronics genius to operate, this is it! Order your's today and discover a whole new world of computing! (While

> #100-375 2050 Modem 6 1b. \$119.95 #116-375 Compuserve 3 lb. \$39.95

### **Good News For Worried TIMEX Computerists**

A couple of months ago, we sent out a special TIMEX was promising. supplement to a small portion of our mailing list. The headline read: TIMEX Snatches Defeat from Jaws computers are not really the products of TIMEX of Victory. What followed was a somewhat Corporation. They're the technology and genius of depressing account of how TIMEX had bowed out of Sinclair Research in England. Sinclair won't be the computer business in February and of how no starting up manufacturing of the TIMEX versions. one was yet sure where their customers could get. But it's reassuring to know that they are healthy supplies and service. It's now 2 months since the and don't look at all like they're quitting. Now fateful date and I think things might be looking that TIMEX has left the market, Sinclair will be

For one thing, we're fortunate that TIMEX wasn't Christmas. Making Sinclair-compatible software and peripherals. We've found the maker of the joysticks and can supply them at the same price. We've found the manufacturer of the 2050 modem and are buying them directly from them rather than TIMEX. The full size printer is a Mannesmann-Tally supply software and peripherals for the Spectrum. MT-80. We've taken on a very good Centronics You're going to be amazed at what's available in Parallel Interface for the 2068, and even have a just a few months. Yes, things looked pretty black new word processor for it. The disk drive a couple of months ago. But hang with us! We'll do interface is very near being ready for release, so our best to bring you the products you want for we can offer you pretty much the same package your TIMEX-Sinclair computers!

Yes, but what about the future? Well, TIMEX re-entering the American market... probably around

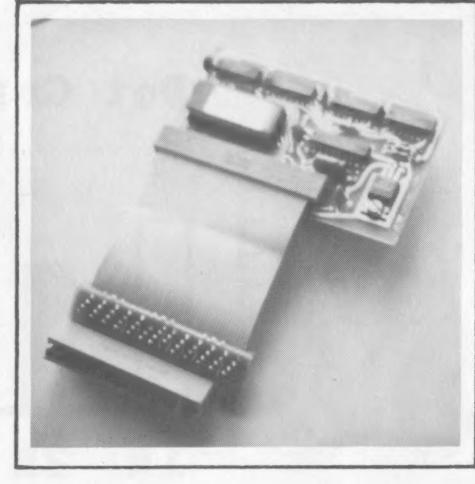
still have a computer company! We're currently working on a new line of products developed from English companies that

peripherals work with TIMEX ones requires minimal

adjustments or changes. So even without TIMEX, you

#### Rare Timex **Eprom Players**

These EPROM demonstrators were intended for use in stores as selling tools. They contain an EPROM with a demonstration program on it. Plug them onto the edge card connector of your TS1000 and then power up your computer. Instantly the program comes up running with some nifty graphics and human interactive computer exercises. The EPROM itself is removable, so you can erase it and reprogram it or you can put other EPROMs in it's place. Each of these demonstrators has been tested and is quaranteed to work properly. We picked up a small quantity of them through a special purchase. and are able to offer them to you only until this quantity is depleted. Rare and useful items, they won't last long. So order your's today! #400-400 TIMEX EPROM 1 1b. \$19.95



#### ZX-Profile -2068

TS2068. See our description of the TS1000/1500 The eight page documentation comes with a coupon today! for a free 100 page instruction manual. This is

Just released is the all new ZX Profile for the probably the most versatile data base for the TIMEX computers and is now available for the version for specific details. This TS2068 version TS2068 as well. Start making some serious use of makes use of all available memory for your data. that new computer and order your ZX Profile-2068

#298-601 ZX Profile-2068 1 lb. \$29.95

MORE

## Video Command Joysticks

100-410 Vid.Com. Joysticks 1 1b. \$14.95



#### Textwriter 2068

the best thing about it is that it's custom

## TS2068 Software NOTICES

longer. If you want to get any of these titles, encourage you to order now.

Item	TS2068 Software		I
No.	Title	Price	Sto
80	Home Inprove. Planner	19.95	1
81	Androids	19.95	1
82	Language Usage	19.95	1
83	Checkbook Manager	19.95	
84	Budgeter	24.95	1
85	Pers. Portfolio Mgr.	19.95	
86	Casino I	15.95	1
87	Crossfire	19.95	-
88	States & Capitals	15.95	4
89	Chess	19.95	3
90	Hungry Horace	19.95	
91	Horace Goes Skiing	19.95	
92	Crazybugs	19.95	
93	Fun Golf	15.95	
94	Auto Analyzer	24.95	
95	Math Wizardry I	15.95	
96	Math Wizardry II	15.95	
97	Penetrator	19.95	
98	Flight Simulator	24.95	
99	Blind Alley	19.95	
100	Guardian	15.95	
101	Vu-File	24.95	
102	Vu-Calc	24.95	
183	Word Play I	15.95	
104	Word Play II	15.95	
105	Wordcross	15.95	
106	Personal Home Finance	19.95	
107	Vu-3D	24.95	
108	Quadra Chart	19.95	
189	Horace and the Spiders	19.95	
110	Capitalization Master	15.95	
Car	tridges		
111	States & Capitals	24.95	
112		34.95	
	Flight Simulator	34.95	
114		24.95	
115	Budgeter	29.95	

#### Discontinued Items

9	Item No.	Product	Status	
1	200-355	Alph 81 Printer	Deleted	-
	200-356	Vic/64 Cable for "81"	Deleted	
	119-582	Int-Adv. 2068 Guide	Deleted	
	119-504	C64 Graphics & Sound	Deleted	
	189-326	MKIV Keyboard Kit	Deleted	
	225-325	ADDON Numeric Pad	Deleted	
1001	100-300	TS1518 Ctg. Player	Deleted	
	230-412	C64 RS232	Deleted	
	238-388	Sql. Superdrive	Deleted	
	230-310	Dual Superdrive	Deleted	
	125-725	Cosmic Gorilla 2068	Deleted	
	125-901	Mon/Dis 2068	Deleted	

#### **Price Changes**

Please Note Item No.	These Price Changes: Product	New Price
188-124	TS2068 Computer	\$149.95
100-350	TS2040 Printer	\$69.95
216-450	DMC 6588 Monitor	\$449.95
230-400	4 Port Ex. System	\$49.95
101-361	C-64 CPI	\$49.95
300-164	Port.C64	\$999.95
188-216	TIMEX 16K RAM	\$29.95

#### **Discount Policy**

No Retroactive Pricing Notice

This supplement contains several products with prices discounted. Every time we lower a price, we get a few requests for credit from customers who paid the higher price. As our ordering information states, our prices are subject to change at any time. Discounts are only possible if our cost goes down. If you paid a higher price, you bought when our cost was higher. We reserve the right to make a profit... which is only possible when we sell something for more than it costs us. To avoid any you know ahead of time: Discounted Prices Apply Only To New Orders And Only While Supplies Last.

To dress up your report or to emphasize a point you can

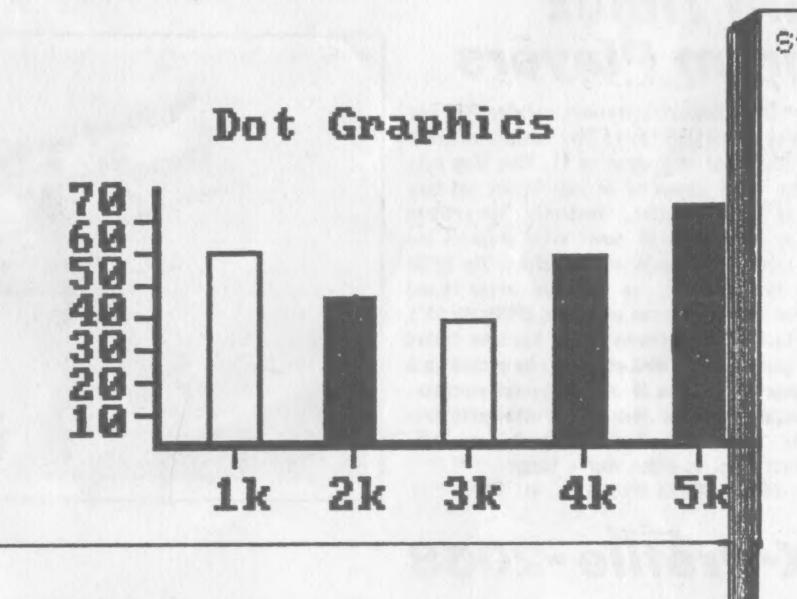
expanded print at 5 CPI, expanded print at 8.25 CPI, or 10 characters per inch for up to 80 columns, or 16.5 characters per inch for up to 132 columns.

Double strike, italics & emphasized style.

For scientific reports you can use Superscript (E=MC2) and Subscript (H20)

Phenomenal price & performance --- for as little as \$399 Spirit offers performance normally associated with highe

# Sample Printout Mannesmann-Tally Printer



Sample Printout Siekosha-Gorilla

